

# RMT, Complex Networks and Applications

19– 20 July, 2018

Centro Internacional de Ciencias A.C., Cuernavaca, México

## Thursday's program (19<sup>th</sup> July, 2018)

<b>Time</b>	<b>Speaker</b>	<b>Title</b>
10:00-10:40 AM	Victor Yakovenko	Global inequality in energy consumption
11:00-12:00 Noon	H. Eugene Stanley (On Skype)	Econophysics: A physicist's approach to quantifying fluctuations in economics & finance
12:00-12:30 PM	<i>Coffee Break</i>	
12:30-1:10 PM	Hirdesh Kumar Pharasi	Financial Markets: Crashes and states
1:10-3:00 PM	<i>Lunch Break</i>	
3:00-3:40 PM	Raul Hernandez	A simple statistical analysis of returns of elementary trends of financial indices
3:40-4:20 PM	Manan Vyas	Non-stationary random selection ensembles
4:20-4:50 PM	<i>Coffee Break</i>	
4:50-5:30 PM	Lazaro Alonso	How to build beta skeletons?
5:30-6:10 PM	Angel M. Matrínez Argüello	Fano resonances in mechanical waves

## Friday's program (20<sup>th</sup> July, 2018)

<b>Time</b>	<b>Speaker</b>	<b>Title</b>
10:00-10:40 AM	José Antonio Méndez Bermúdez	Phenomenological RMT approach to transport in disordered systems
10:40-11:20 AM	Thomas Gorin	Open quantum systems and thermal contacts
11:20-11:50 AM	<i>Coffee Break</i>	
11:50-12:30 PM	Anirban Chakraborti	Multi-layered network study of financial markets and real economy
12:30-1:10 PM	Yenni Ortiz	Microwave emulations and tight-binding calculations of transport in polyacetylene
1:10-3:00 PM	<i>Lunch Break</i>	
3:00-3:40 PM	Barbara Dietz	Quantum Billiards, Graphene Billiards and Neutrino Billiards
3:40-4:20 PM	Yonatan Betancur Ocampo	Partial Veselago positive refraction in asymmetric lenses of uniaxially strained graphene
4:20-5:00 PM	Francois Leyvraz	Rich spectral structure in non-equilibrium steady states
5:00-5:15 PM	<i>Concluding session</i>	